

WHAT IS CLAIMED IS:

- 1           1. In an ellipsoidal stage lamp for projecting light along an optical axis  
2 onto a stage, the ellipsoidal stage lamp having:
  - 3           a base with a lamp having a filament;
  - 4           an ellipsoidal reflector mounted to the base with the filament of the lamp at the  
5 focus of the ellipsoidal reflector;
  - 6           a shutter section for containing shutters to impart borders to a projected beam  
7 from the stage lamp;
  - 8           a barrel mounted to the shutter section; and,
  - 9           a lens tube having projecting lenses for slidable mounting within the barrel for  
10 projecting and focusing a projected beam from the ellipsoidal stage lamp;
  - 11           an improvement including a replacement for the shutter section comprising:
    - 12           a cabinet for disposition within the ellipsoidal stage lamp to replace the shutter  
13 section;
    - 14           the cabinet defining a first opening disposed along and around the optical axis  
15 of the ellipsoidal stage lamp and open to the base and lamp having a filament;
    - 16           the cabinet having at least one open side for permitting the sliding insertion of  
17 a drawer;
    - 18           at least one drawer having a second opening disposed along and around the  
19 optical axis of the ellipsoidal stage lamp and open to the base and lamp when inserted to the  
20 cabinet; and,
    - 21           a movable projector plane mounted to the drawer across the second opening  
22 for insertion to the cabinet at the at least one open side, whereby the movable projector plane  
23 mounted to the drawer can be projected by the ellipsoidal stage lamp from the second  
24 opening in the drawer.
- 1           2. The improvement to an ellipsoidal stage lamp in accordance with claim  
2 and wherein:
  - 3           the drawer having mounted thereto a movable projector plane includes an  
4 endless projector plane for rotation on opposite sides of the second opening of the drawer;
  - 5           parallel rotating members on either side of the openings of the cabinet for  
6 moving the endless projector plane across the second opening of the drawer; and,

7                   patterns on the endless projector plane for projecting light passing through the  
8                   patterns from the ellipsoidal stage lamp.

1                   3.        The improvement to an ellipsoidal stage lamp in accordance with claim  
2                   1 and wherein:

3                   a ventilation aperture in the side walls of the cabinet permits cooling of the  
4                   movable projecting plane.

1                   4.        The improvement to an ellipsoidal stage lamp in accordance with claim  
2                   1 and wherein:

3                   the cabinet includes a bayonet opening for insertion to the base of the  
4                   ellipsoidal stage lamp.

1                   5.        The improvement to an ellipsoidal stage lamp in accordance with claim  
2                   1 and wherein:

3                   the cabinet includes a locking attachment to the barrel of the ellipsoidal stage  
4                   lamp.

1                   6.        The improvement to an ellipsoidal stage lamp in accordance with claim  
2                   1 and wherein:

3                   the movable projector plane includes a plurality of slides; and,  
4                   means for the intermittent movement of at least one of the slides to the second  
5                   opening for projecting an image on the slide from the ellipsoidal stage lamp.

1                   7.        A process of projecting special effects from an ellipsoidal stage lamp  
2                   along the optical axis of the ellipsoidal stage lamp onto a stage comprising the steps of:

3                   providing an ellipsoidal stage lamp having:

4                   a base with a lamp having a filament;

5                   an ellipsoidal reflector mounted to the base with the filament of the  
6                   lamp at the focus of the ellipsoidal reflector;

7                   a shutter section for containing shutters to impart borders to a projected  
8                   beam from the stage lamp;

9                   a barrel mounted to the shutter section; and,

10                   a lens tube having projecting lenses for slidable mounting within the  
11                   barrel for projecting and focusing a projected beam from the ellipsoidal stage lamp;

12 providing a cabinet for disposition within the ellipsoidal stage lamp to replace  
13 the shutter section, the cabinet defining a first opening disposed along and around the optical  
14 axis of the ellipsoidal stage lamp and open to the base and lamp having a filament, and the  
15 cabinet having at least one open side for permitting the sliding insertion of a drawer;

16 removing the shutter section from the ellipsoidal stage lamp;

17 attaching the cabinet between the base and barrel with the first opening  
18 disposed along and around the optical axis of the ellipsoidal stage lamp;

19 providing a drawer having a second opening registrable along and around the  
20 optical axis of the ellipsoidal stage lamp and open to the base and lamp when inserted in the  
21 cabinet;

24 providing a movable projector plane having patterns mounted to the drawer  
25 across the second opening for insertion in the cabinet at the at least one open side;

26 moving the movable projector plane whereby the movable projector plane  
27 patterns can be projected by the ellipsoidal stage lamp from the second opening in the dra

1 8. The improvement to an ellipsoidal stage lamp in accordance with claim  
2 6 and wherein:

3 the plurality of slides includes at least one GOBO.

1 9. The improvement to an ellipsoidal stage lamp in accordance with claim  
2 1 and wherein:

3 the movable projector plane mounted to the drawer includes a wheel having  
4 apertures for registration through the second opening of the drawer.